

ABSTRACT

The present invention relates to a novel enzyme (α -GARE) which releases an amino acid residue having a glycated α -amino group (α -GA) from a glycated protein etc. and to bacterial strains producing the same.

- 5 Examples of the bacterial strains include *Corynebacterium ureolyticum* KDK1002 (FERM P-17135) and *Pseudomonas alcaligenes* KDK1001 (FERM P-17133). The α -GARE is contained in the culture supernatant of these strains and α -GA can be released from a glycated peptide by using the same, as shown in FIG. 1.

10

09013874-101101

ABSTRACT

The present invention relates to a novel enzyme (α -GARE) which releases an amino acid residue having a glycated α -amino group (α -GA) from a glycated protein etc. and to bacterial strains producing the same. Examples of the bacterial strains
5 include *Corynebacterium ureolyticum* KDK1002 (FERM P-17135) and *Pseudomonas alcaligenes* KDK1001 (FERM P-17133). The α -GARE is contained in the culture supernatant of these strains and α -GA can be released from a glycated peptide by using the same, as shown in FIG. 1.